

Converting Decimals to Fractions

Answer Key

A) Convert the following decimals to fractions.

$$1) \quad 0.24 = \underline{\frac{24}{100} \text{ or } \frac{6}{25}}$$

$$2) \quad 0.6 = \underline{\frac{6}{10} \text{ or } \frac{3}{5}}$$

$$3) \quad 2.8 = \underline{2\frac{8}{10} \text{ or } 2\frac{4}{5}}$$

$$4) \quad 3.51 = \underline{3\frac{51}{100}}$$

$$5) \quad 8.14 = \underline{8\frac{14}{100} \text{ or } 8\frac{7}{50}}$$

$$6) \quad 0.48 = \underline{\frac{48}{100} \text{ or } \frac{12}{25}}$$

$$7) \quad 7.83 = \underline{7\frac{83}{100}}$$

$$8) \quad 0.65 = \underline{\frac{65}{100} \text{ or } \frac{13}{20}}$$

B) 1) What fraction is equivalent to the decimal 7.5?

~~a) $7\frac{1}{2}$~~

b) $7\frac{1}{4}$

c) $7\frac{1}{3}$

d) $7\frac{1}{5}$

2) Which of the following is equivalent to 6.17?

a) $6\frac{7}{20}$

b) $6\frac{17}{50}$

~~c) $6\frac{17}{100}$~~

d) $6\frac{17}{25}$

3) What fraction is equivalent to the decimal 0.12?

a) $\frac{4}{25}$

b) $\frac{3}{20}$

~~c) $\frac{3}{25}$~~

d) $\frac{7}{25}$